

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086611.D
 Acq On : 13 May 2025 19:01
 Operator : JC\MD
 Sample : PB167964ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167964ZHE#09

Quant Time: May 14 01:49:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	162142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118331	50.328	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	8.165	113	94709	64.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 129.220%#			
50) Toluene-d8	10.565	98	411781	52.563	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.847	95	142983	50.040	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.080%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	25515	26.280	ug/l	99
18) Methyl Acetate	5.018	43	3611	1.279	ug/l #	87
20) Methylene Chloride	5.277	84	4043	1.860	ug/l	91
43) Isopropyl Acetate	8.688	43	31938m	3.981	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

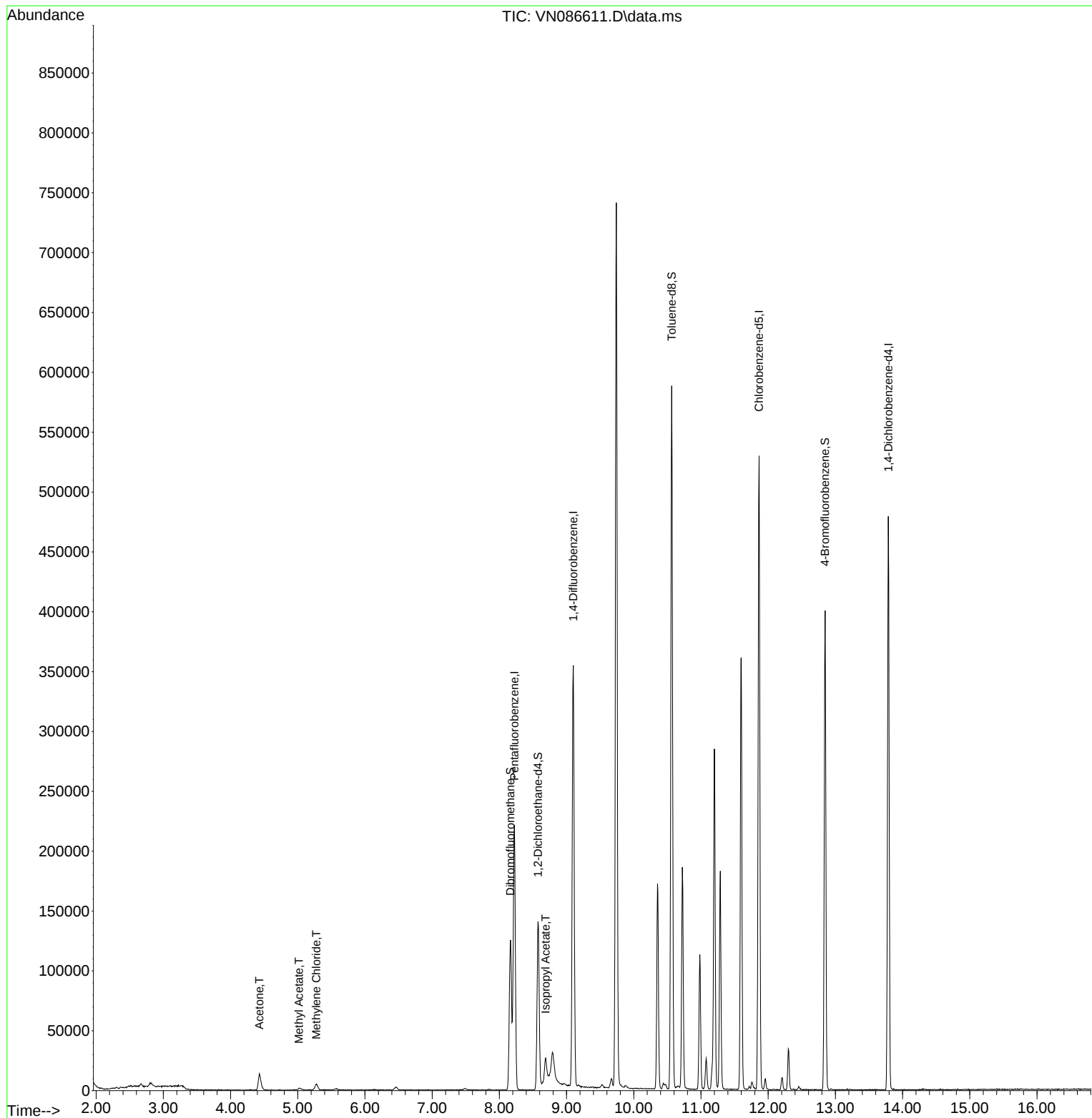
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
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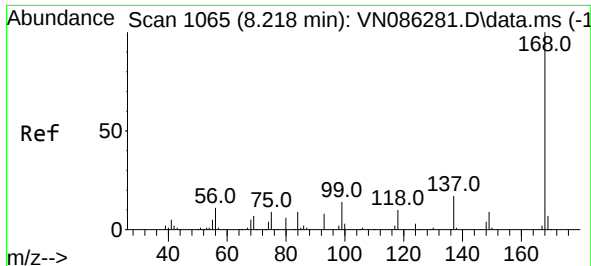
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#09

Quant Time: May 14 01:49:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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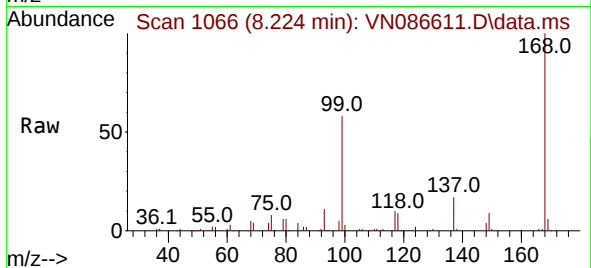
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086611.D
Acq: 13 May 2025 19:01

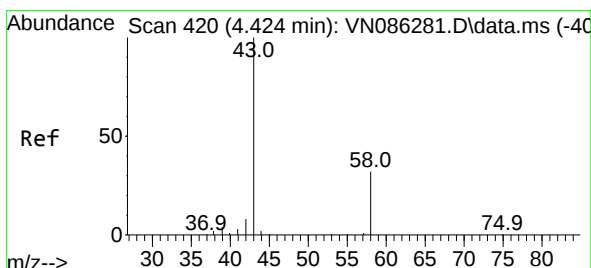
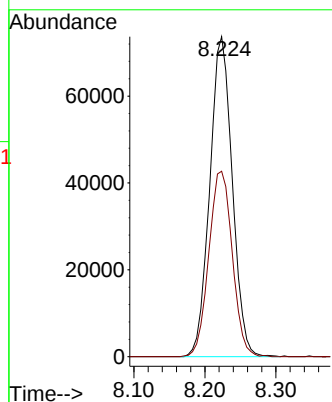
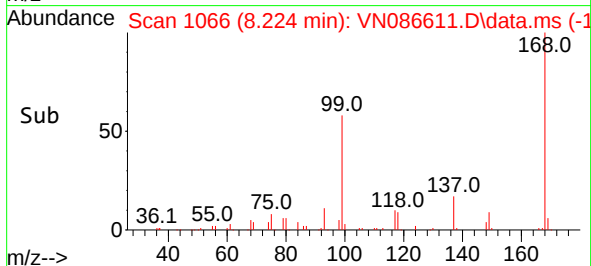
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#09



Tgt Ion:168 Resp: 16214
Ion Ratio Lower Upper
168 100
99 58.0 52.5 78.7

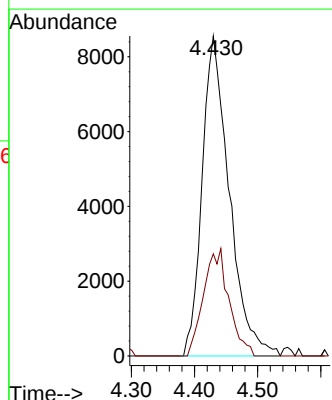
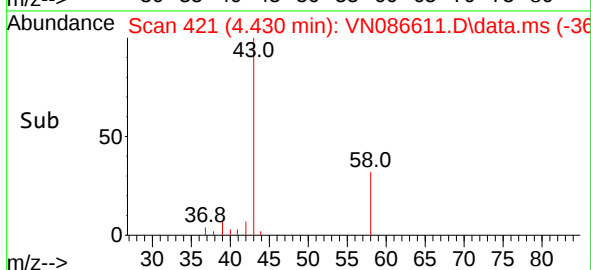
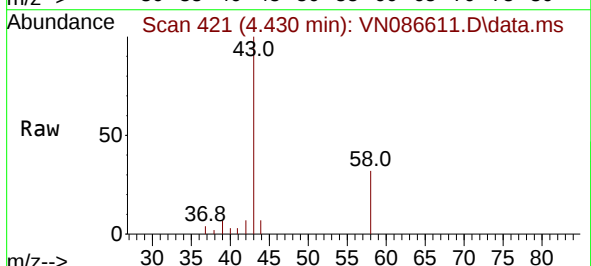
Manual Integrations
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#16
Acetone
Concen: 26.280 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086611.D
Acq: 13 May 2025 19:01

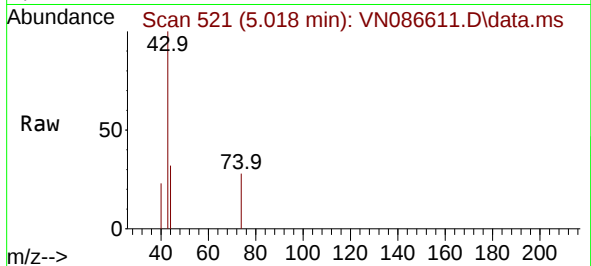
Tgt Ion: 43 Resp: 25515
Ion Ratio Lower Upper
43 100
58 31.9 25.3 37.9





#18
Methyl Acetate
Concen: 1.279 ug/l
RT: 5.018 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN086611.D
Acq: 13 May 2025 19:01

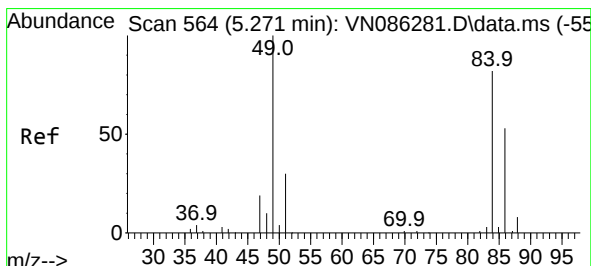
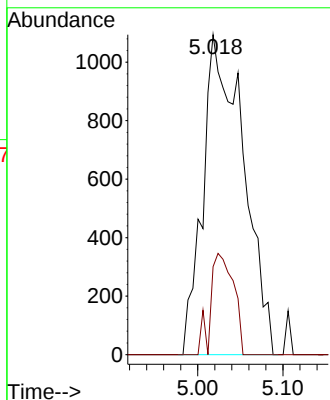
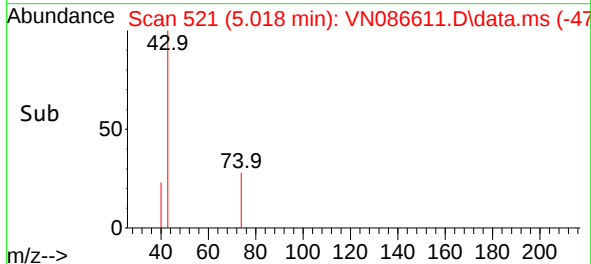
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#09



Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
74 18.1 19.8 29.6

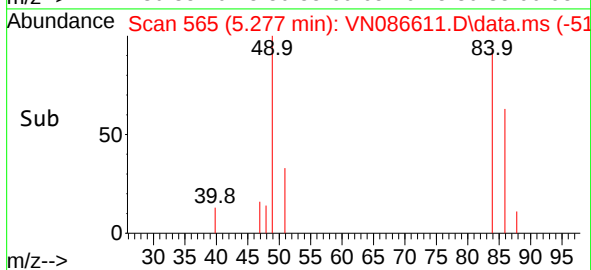
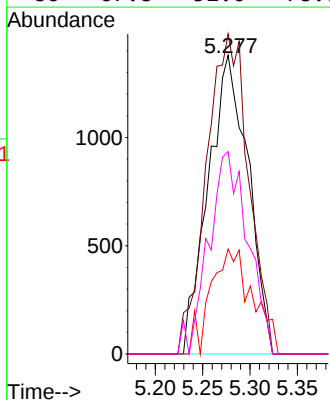
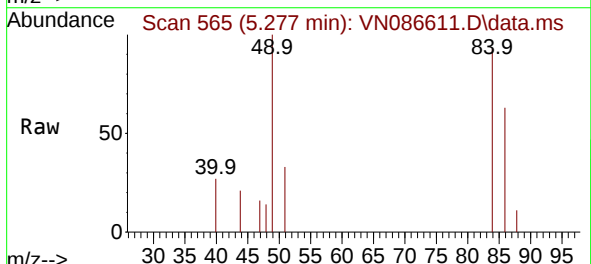
Manual Integrations
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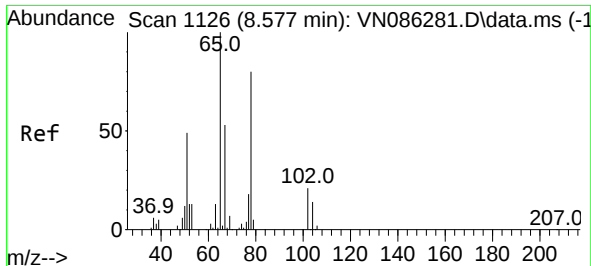
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#20
Methylene Chloride
Concen: 1.860 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086611.D
Acq: 13 May 2025 19:01

Tgt Ion: 84 Resp: 4043
Ion Ratio Lower Upper
84 100
49 107.1 98.2 147.2
51 35.1 29.8 44.6
86 67.8 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 50.328 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086611.D

Acq: 13 May 2025 19:01

Instrument :

MSVOA_N

ClientSampleId :

PB167964ZHE#09

Tgt Ion: 65 Resp: 11833

Ion Ratio Lower Upper

65 100

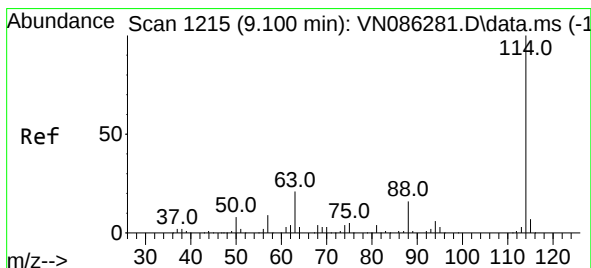
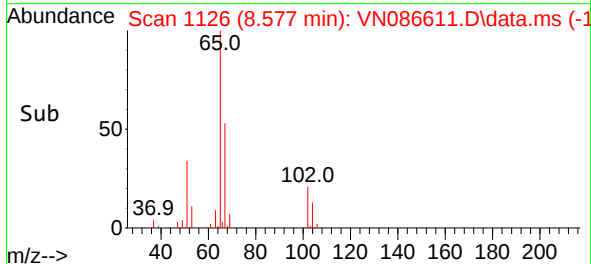
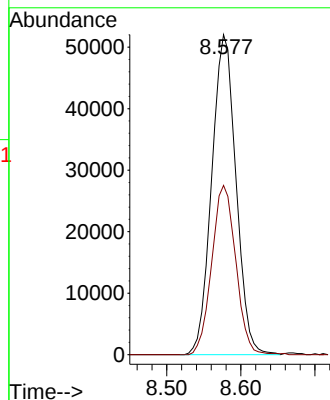
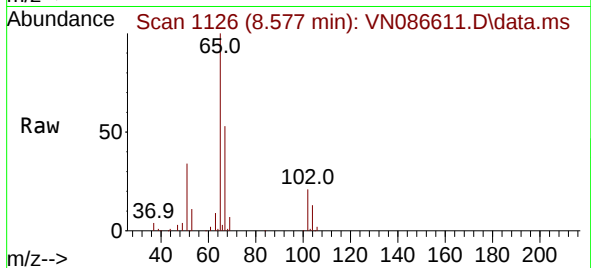
67 52.4 0.0 106.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086611.D

Acq: 13 May 2025 19:01

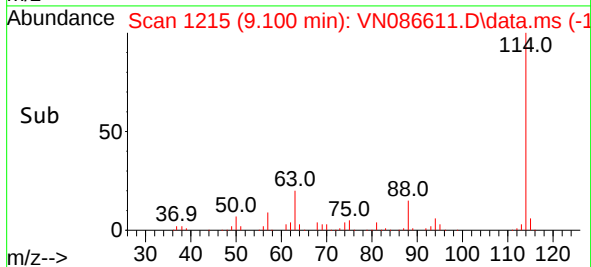
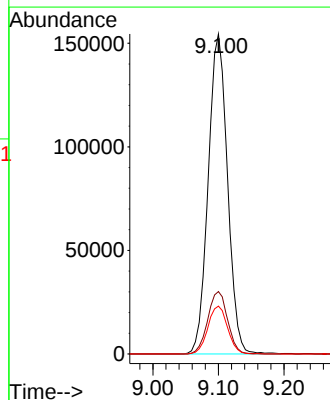
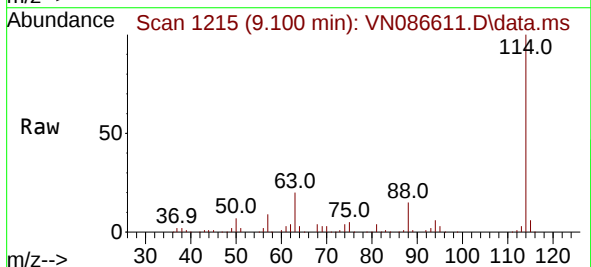
Tgt Ion:114 Resp: 315832

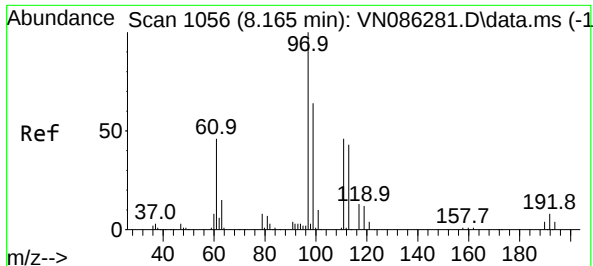
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 64.612 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086611.D

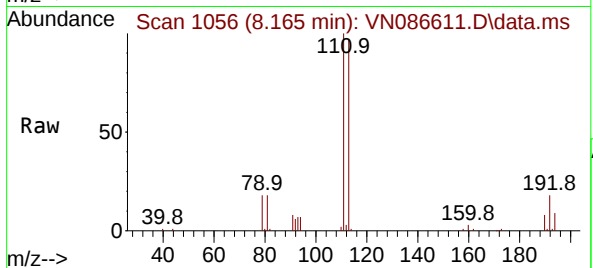
Acq: 13 May 2025 19:01

Instrument :

MSVOA_N

ClientSampleId :

PB167964ZHE#09



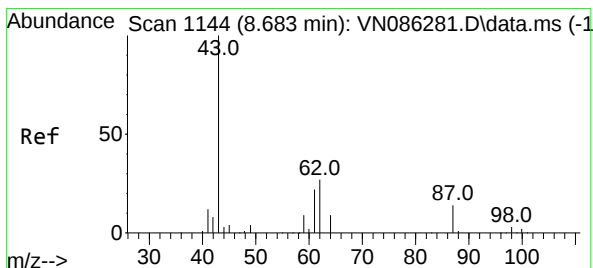
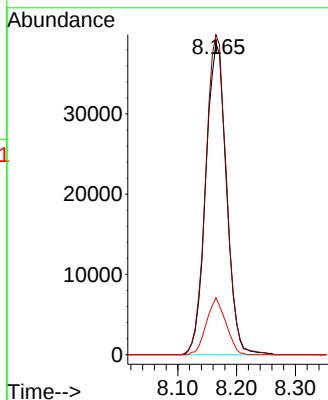
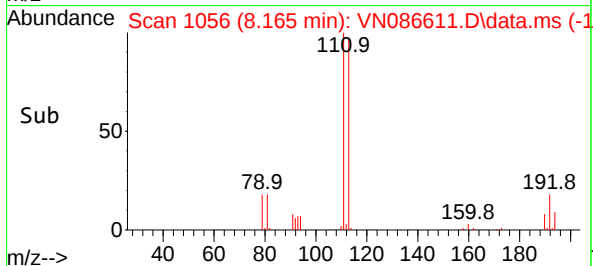
Tgt Ion:	113	Resp:	94709
Ion Ratio	Lower	Upper	
113	100		
111	103.2	83.4	125.0
192	17.1	13.7	20.5

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#43

Isopropyl Acetate

Concen: 3.981 ug/l m

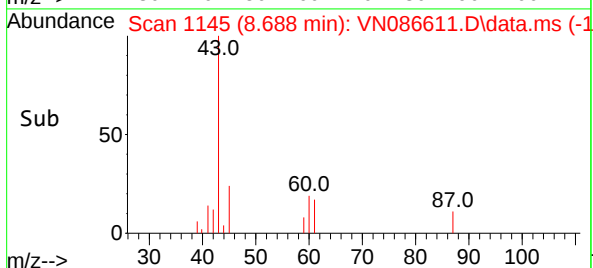
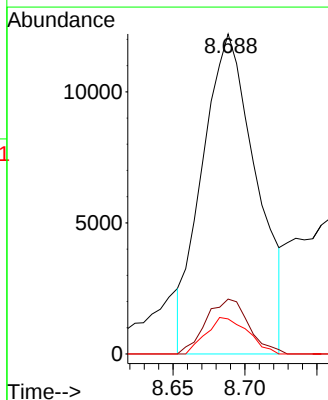
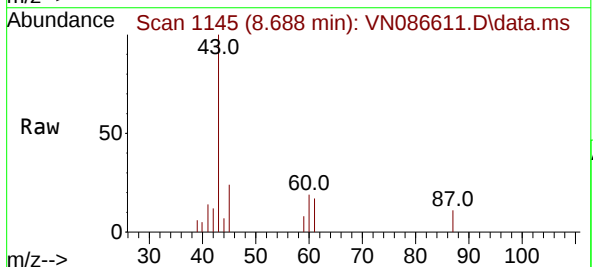
RT: 8.688 min Scan# 1145

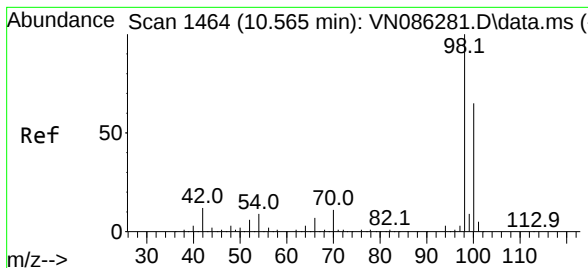
Delta R.T. 0.005 min

Lab File: VN086611.D

Acq: 13 May 2025 19:01

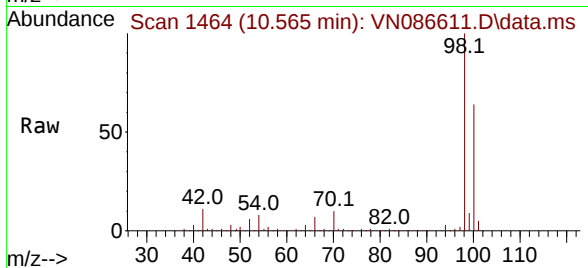
Tgt Ion:	43	Resp:	31938
Ion Ratio	Lower	Upper	
43	100		
61	13.6	20.5	30.7#
87	8.8	10.5	15.7#





#50
Toluene-d8
Concen: 52.563 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086611.D
Acq: 13 May 2025 19:01

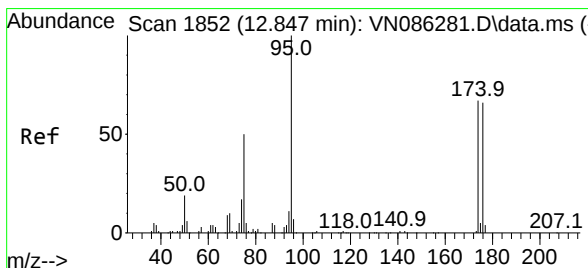
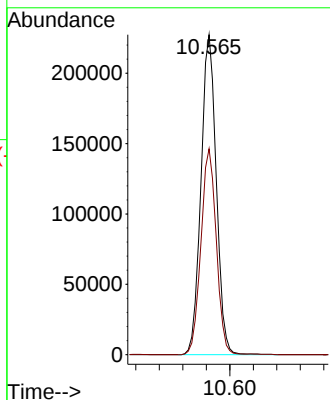
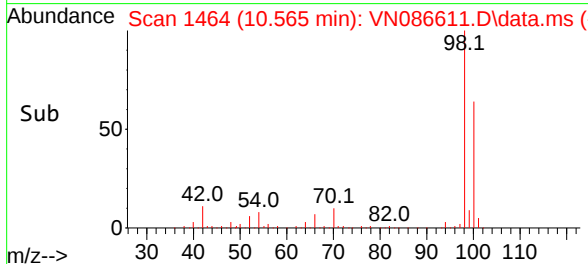
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#09



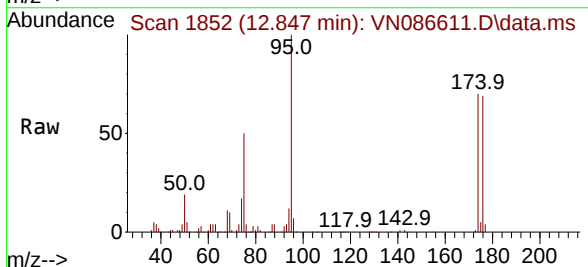
Tgt Ion: 98 Resp: 41178
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7

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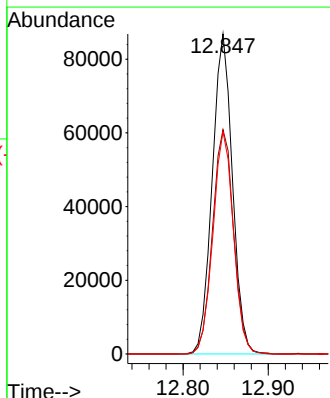
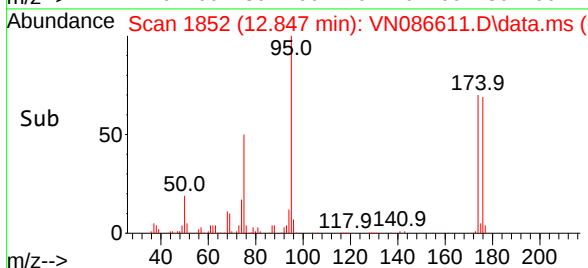
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

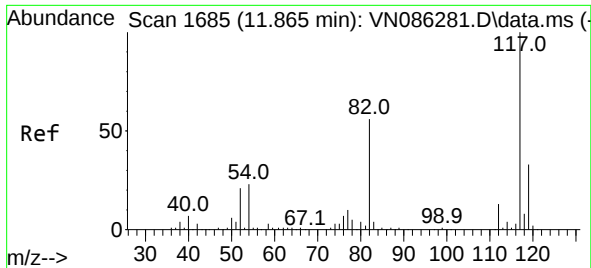


#62
4-Bromofluorobenzene
Concen: 50.040 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086611.D
Acq: 13 May 2025 19:01



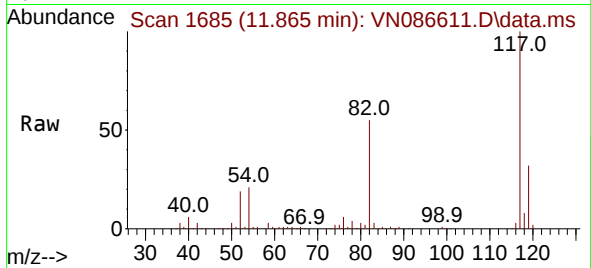
Tgt Ion: 95 Resp: 142983
Ion Ratio Lower Upper
95 100
174 73.1 0.0 133.4
176 70.3 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086611.D
Acq: 13 May 2025 19:01

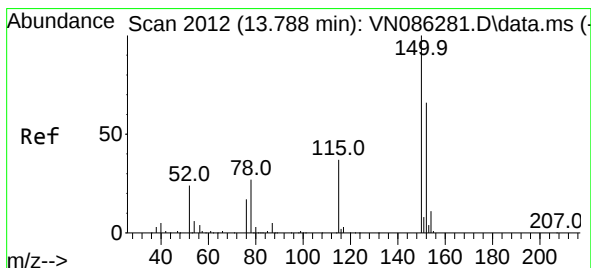
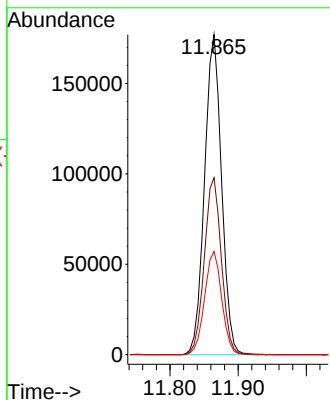
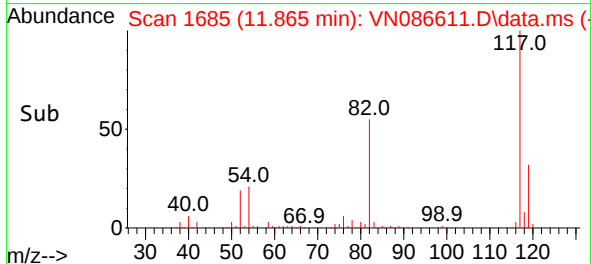
Instrument :
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ClientSampleId :
PB167964ZHE#09



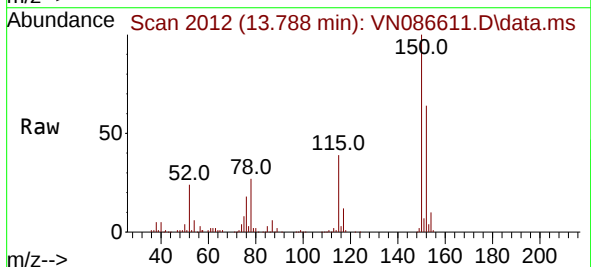
Tgt Ion:117 Resp: 307339
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 32.2 26.4 39.6

Manual Integrations
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Supervised By :Mahesh Dadoda 05/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086611.D
Acq: 13 May 2025 19:01



Tgt Ion:152 Resp: 131265
Ion Ratio Lower Upper
152 100
115 60.5 31.9 95.9
150 156.3 0.0 352.0

